

Abstract

The invention relates to a strand-guiding roll for supporting and guiding cast metal strands in a continuous casting installation, having a central rotatable shaft (1) and having at least one roll shell (3) supported fixed against rotation on this shaft. To enable the strand-guiding roll to cope with the mechanical and thermal stresses more successfully, it is proposed that the roll shell (3) is supported via support rings (4) or a support-ring sleeve (26) on the shaft, that an annular space (6) which is axially delimited by the support rings (4) is formed between the shaft (1) and the roll shell (3), and the annular space (6) is designed as a coolant conduit.

(Fig. 1)